

*myo*-inositol-1-phosphate synthase can be found at least in claim 2 as originally filed. Reference to a microbe which expresses inositol dehydrogenase activity to produce *myo*-2-inosose can be found at least in claim 7 as originally filed and on page 5 lines 3-15.

Claims 59 and 60 find support at least in claims 3 and 4 as originally filed.

Claim 61 finds support at least in claim 5 as originally filed.

Claims 62 and 63 are supported at least by claim 6 as originally filed, on page 2, lines 20-22 and on page 6, lines 19-24.

Claims 64 and 65 are supported at least by claims 8 and 9 as originally filed.

Claims 66 and 67 are supported at least by claims 10 and 11 as originally filed and on page 5, lines 4-10.

Claim 68 is supported at least by claim 12 as originally filed.

Claim 69 is supported at least by claim 13 as originally filed and on page 3, lines 27-32.

Claim 70 is supported at least by claims 20, 21 and 30 as originally filed, on page 7, line 25 through page 8, line 2 and on page 22, lines 5-17.

Claim 71 and 72 are supported at least by claims 21 and 22 as originally filed.

Claims 73 and 74 are supported at least by claims 25 and 26 as originally filed.

Claim 75 is supported at least by claims 24 and 28 as originally filed and on page 6, lines 17-18.

Claim 76 is supported at least on page 2, lines 20-22 and on page 6, lines 19-24.

Claim 77 is supported at least on page 4, lines 14-17 and lines 25-28.

Claim 78 is supported at least on page 3, lines 30-33.

Claim 79 is supported at least on page 4, lines 29-34.

Claims 80 and 81 are supported at least on page 4, lines 31-35.

Claim 82 is supported at least on page 4, lines 34-35.

Claim 83 and 84 are supported on page 5, lines 16-17, page 6, lines 19-24 and page 9, lines 13-17 and lines 24-26.

Claims 85 and 86 are supported at least on page 5, lines 3-10.

In claim 87, reference to a fermentation composition can be found at least on page 11, lines 25-33. Reference to a microbe comprising a recombinant DNA encoding *myo*-inositol-1-phosphate synthase can be found at least on page 4, lines 29-34. Reference to

a microbe which expresses inositol dehydrogenase can be found at least on page 5, lines 9-12.

Claims 88 and 89 are supported at least on page 4, lines 31-35.

Claim 90 is supported on page 11, line 25-page 12, line 10.

Claims 91 and 92 are supported on page 5, lines 16-17, page 6, lines 19-24 and page 9, lines 13-17 and lines 24-26.

Claims 93 and 94 are supported at least on page 11, lines 25-33, and page 14, line 33-page 15, line 4.

Claims 95 and 96 are supported at least on page 5, lines 3-10.

Claim 97 is supported at least on page 4, lines 14-17 and lines 25-28.

In new Claim 98, reference to a fermentation composition can be found at least on page 11, lines 25-33; reference to recombinant DNA encoding *myo*-inositol-1-phosphate synthase can be found at least on page 4, lines 31-34; page 5, lines 16-20; page 9, lines 17-19; and page 12, line 19-page 13, line 6. Reference to recombinant DNA encoding inositol dehydrogenase can be found at least on page 5, lines 4-10. Reference to a microbe comprising a first recombinant DNA encoding *myo*-inositol-1-phosphate synthase and a second recombinant DNA encoding inositol dehydrogenase can be found at least on page 17, lines 17-20 and lines 26-30, and page 22, lines 6-17.

Claim 98 is supported at least on page 6, lines 14-29 and on page 22, lines 5-18.

Claims 99 and 100 are supported at least on page 4, lines 31-35.

Claim 101 is supported on page 11, line 25-page 12, line 10.

Claim 102 are supported on page 4, lines 29-30; page 5, lines 16-17, page 6, lines 19-24 and page 9, lines 13-17 and lines 24-26.

Claim 103 is supported at least on page 5, lines 3-10.

Claim 104 is supported at least on page 4, lines 14-17 and lines 25-28 and on page 11, lines 28-31.

It is requested that the amendments above be entered and that the claims be examined on the merits. Should any questions arise, the Patent and Trademark Office is requested to contact the undersigned attorney.

Respectfully submitted,



Donald R. Holland, Reg. No. 35,197  
HARNESS, DICKEY & PIERCE, P.L.C.  
7700 Bonhomme  
Suite 400  
St. Louis, Missouri 63105  
(314) 726-7519